

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method for image transmission, said method comprising the acts of:  
  
hosting an image file on a server;  
  
~~parsing said image file on said server to determine a representative part of said image;~~  
  
transmitting said a representative part of said image file to said a client;  
  
selecting a customization of said image file, based on said representative part,  
  
through a client interface on said client;  
  
transmitting said customization selection from said client to said server;  
  
parsing said image file on said server to determine ~~image data associated with~~  
  
additional parts of said image file necessary for said customization; and  
  
transmitting said additional parts of said image file ~~image data associated with~~  
  
~~said customization~~ to said client.
2. (original) The method of claim 1 wherein said representative part of said image file is a low-resolution version of said image.
3. (original) The method of claim 1 wherein said client interface prompts a user for image customization data.

4. The method of claim 1 wherein said selecting a customization comprises selecting data from the group consisting of quality data, scalability data, resolution data and region-of-interest (ROI) data.
5. The method of claim 1 wherein said selecting a customization comprises displaying a thumbnail image to a user and allowing a user to select customization characteristics by interaction with said thumbnail image.
6. The method of claim 1 wherein said image file is a JPEG 2000 file.
7. The method of claim 1 wherein said transmitting uses an HTTP transmission protocol.
8. The method of claim 1 wherein said selecting a customization of said image comprises selecting an image resolution below the maximum resolution available for said image.
9. The method of claim 1 wherein said transmitting said additional parts of said image file ~~customization data~~ comprises streaming said additional parts of said image file ~~customization of said image~~ to said client.
10. The method of claim 1 wherein the size of said representative part is relative to

the bandwidth of the connection between said server and said client interface.

11. The method of claim 1 wherein said representative part comprises metadata comprising data selected from the group consisting of image quality data, scalability data, resolution data and ROI data.
12. The method of claim 1 wherein said client caches data received from said server.
13. (previously amended) A method for interactive customized image transmission, said method comprising the acts of:  
hosting an image file on a server;  
parsing said image file to obtain a thumbnail version of said image file;  
transmitting a said thumbnail version of said image file to said a client;  
~~receiving-selecting~~ a selection of a customized version of said image file, based  
on said thumbnail version, ~~through user input at said client;~~  
~~transmitting said customized version selection from said client to said server;~~  
~~reading and parsing~~ said image file at said server to determine additional parts of  
said image file necessary for ~~image data required for~~ said customized  
version; and  
transmitting said additional parts of said image file ~~image data required for~~ said  
customized version to said client for combination with at least one part of  
said thumbnail version.

14. (cancelled)
15. The method of claim 13 wherein said selecting a customized version of said image comprises selecting an image resolution below the maximum resolution available for said image.
16. The method of claim 13 wherein said selecting a customized version of said image comprises selecting quality scalability.
17. The method of claim 13 wherein said selecting a customization of said image comprises selecting a region of interest on said image.
18. The method of claim 13 wherein said image file is a JPEG 2000 image file.
19. The method of claim 13 wherein said transmitting employs a HTTP transmission protocol.

20. (canceled)

21. An image server enabling interactive customized image transmission, said server comprising:

storage for storing at least one image file;

a receiver for receiving requests from a client for customized versions of said at least one image file;

a ~~reader/parser for reading and parsing~~ said image file and determining what image data is parts of said image file are required to render said customized versions of said image file; and

a sender for sending said parts of said image file ~~customized image data~~ to said client.

22. (canceled)

23. (canceled)